From: Gwinn, Maureen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4BDC5237A5C440A7B664518E23EB5647-GWINN, MAUREEN]

**Sent**: 8/9/2016 6:21:31 PM

To: Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]; Deener, Kathleen

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=b9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]; Bahadori, Tina

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7da7967dcafb4c5bbc39c666fee31ec3-Bahadori, Tina]; Ross, Mary

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=98359cd1f66f46ec91d327e99a3c6909-Ross, Mary]; Flowers, Lynn

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]; Thomas, Russell

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=12f119e7a3ee447499f3d6ab5d20daeb-Thomas, Rus]; Burke, Thomas

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=39ffc3dd34ea495b9a31e61b778fbbec-Burke, Thom]; Vandenberg, John

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]; Slimak, Michael

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=197d6551afaf4d90b087c4d5bf62b53c-Slimak, Mike]; Kavlock, Robert

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=eebac67f01094409a7fdaa955a837884-Kavlock, Robert]

**Subject**: RE: potential case study - innovations in risk assessment

Attachments: Libby case study.docx

### **Deliberative Process / Ex. 5**

Maureen R. Gwinn, PhD DABT ATS Special Assistant/IOAA

t(202)564-4621 Personal Phone / Ex. 6

From: Cogliano, Vincent

**Sent:** Tuesday, August 09, 2016 9:21 AM

To: Deener, Kathleen < Deener.Kathleen@epa.gov>; Bahadori, Tina < Bahadori.Tina@epa.gov>; Ross, Mary

<Ross.Mary@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Burke,

Thomas <Burke.Thomas@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Slimak, Michael

<Slimak.Michael@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>

Subject: RE: potential case study - innovations in risk assessment

Hello everyone—Here are some comments on the framework. Sorry that I couldn't get to it until yesterday evening. There are two case studies I'd like to do, but they'll probably have to wait until the next round ... See you all Wednesday, Vince

From: Deener, Kathleen

**Sent:** Tuesday, August 09, 2016 9:02 AM

To: Bahadori, Tina <8ahadori, Tina@epa.gov>; Ross, Mary <Ross, Mary@epa.gov>; Flowers, Lynn

<<u>Flowers.Lynn@epa.gov</u>>; Thomas, Russell <<u>Thomas.Russell@epa.gov</u>>; Burke, Thomas <<u>Burke.Thomas@epa.gov</u>>;

Cogliano, Vincent <<u>cogliano.vincent@epa.gov</u>>; Vandenberg, John <<u>Vandenberg, John@epa.gov</u>>; Slimak, Michael <<u>Slimak.Michael@epa.gov</u>>; Kavlock, Robert <<u>Kavlock.Robert@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>> Subject: RE: potential case study - innovations in risk assessment

Thanks all! I have updated the table and figure, and I am compiling the case studies. I will circulate materials later today.

Kacee Deener, MPH
Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | (mobile Personal Matters / Ex. 6 deener.kathleen@epa.gov

From: Bahadori, Tina

**Sent:** Tuesday, August 09, 2016 6:52 AM

To: Ross, Mary <<u>Ross.Mary@epa.gov</u>>; Flowers, Lynn <<u>Flowers.Lynn@epa.gov</u>>; Thomas, Russell <<u>Thomas.Russell@epa.gov</u>>; Deener, Kathleen <<u>Deener.Kathleen@epa.gov</u>>; Burke, Thomas <<u>Burke.Thomas@epa.gov</u>>; Cogliano, Vincent <<u>cogliano.vincent@epa.gov</u>>; Vandenberg, John <<u>Vandenberg.John@epa.gov</u>>; Slimak, Michael <<u>Slimak.Michael@epa.gov</u>>; Kavlock, Robert <<u>Kavlock.Robert@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>> Subject: RE: potential case study - innovations in risk assessment

Hi Everyone,

The case studies actually helped me. If I understood correctly,

### **Deliberative Process / Ex. 5**

I added to Rusty/Lynn comments to the table – mostly questions (attached).

I also drafted the EDSP case study using Mary's outline format, just as another point of comparison (below).

Tina

EDCs - case study - prioritization

Background:

## **Deliberative Process / Ex. 5**

The issue, decision context:

### Deliberative Process / Ex. 5

The data:

Data used:

**Deliberative Process / Ex. 5** 

Deliberative Process / Ex. 5

Product/process:

# **Deliberative Process / Ex. 5**

Peer review:

# **Deliberative Process / Ex. 5**

From: Ross, Mary

Sent: Monday, August 08, 2016 10:43 PM

To: Flowers, Lynn <Flowers.Lynn@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Deener, Kathleen

<Deener.Kathleen@epa.gov>; Burke, Thomas <Burke.Thomas@epa.gov>; Cogliano, Vincent

<cogliano.vincent@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Slimak, Michael

<Slimak,Michael@epa.gov>; Bahadori, Tina <Bahadori,Tina@epa.gov>; Kavlock, Robert <Kavlock,Robert@epa.gov>;

Gwinn, Maureen <gwinn.maureen@epa.gov>

Subject: RE: potential case study - innovations in risk assessment

#### Deliberative Process / Ex. 5

From: Ross, Mary

Sent: Monday, August 08, 2016 10:34 PM

To: Flowers, Lynn <Flowers.Lynn@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Deener, Kathleen

<Deener.Kathleen@epa.gov>; Burke, Thomas <Burke.Thomas@epa.gov>; Cogliano, Vincent

<cogliano.vincent@epa.gov>; Vandenberg, John <\subseteq John@epa.gov>; Slimak, Michael
<Slimak.Michael@epa.gov>; Bahadori, Tina <\bar{Bahadori.Tina@epa.gov}; Kavlock, Robert <\bar{Kavlock.Robert@epa.gov};
Gwinn, Maureen <\bar{gwinn.maureen@epa.gov}</pre>

Subject: potential case study - innovations in risk assessment

Hi everyone. I saw the comments from Rusty and Lynn on the table and I agree it's looking good – haven't had time to look more carefully though and will follow up tomorrow.

# **Deliberative Process / Ex. 5**

Chemical D - case study - focused assessment

Background:

# **Deliberative Process / Ex. 5**

The issue, decision context:

# **Deliberative Process / Ex. 5**

The data:

## **Deliberative Process / Ex. 5**

Product/process:

### **Deliberative Process / Ex. 5**

Peer review:

